	Application No.	Applicant(s)	
	00/075 446	CALETAL	
Notice of Allowability	09/975,446 Examiner	CAI ET AL. Art Unit	
·		2634	
	Kevin Y Kim	2634	
The MAILING DATE of this communication appears on the cover sheet with the correspondence address All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS. This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.			
1. This communication is responsive to <u>application filed on 10-11-2001</u> .			
2. The allowed claim(s) is/are 1-38.			
3. The drawings filed on 11 October 2001 are accepted by the Examiner.			
4.			
Attachment(s) 1. ☑ Notice of References Cited (PTO-892) 2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948) 3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/0 Paper No./Mail Date 4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material	6. ☐ Interview S Paper No./ 8), 7. ☒ Examiner's	formal Patent Application (PTO-152) Jammary (PTO-413), Mail Date Amendment/Comment Statement of Reasons for Allowance	

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EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or

additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR

1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the

payment of the issue fee.

The application has been amended as follows:

In the Abstract:

On line 1, delete "to mitigate" and substitute with – mitigates—

On line 2, delete "allow" and substitute with -allows-

On line 3, delete ", is disclosed"

The above amendment has been made to comply the requirements of an Abstract that it avoid

using phrases that can be implied. See MPEP 608.01(b).

2. The following is an examiner's statement of reasons for allowance: No prior art has been

found to teach or suggest a method and system for providing adaptive rate selection in a DMT

system such that the number of symbols in a Reed Solomon frame is determined from a specified

number of redundant bytes and the level of impulse protection control, and the interleaver depth

is determined in accordance with the number of symbols in the Reed Solomon frame and a

specified data transmission rate of the channel.

3. The prior art made of record and not relied upon is considered pertinent to applicant's

disclosure.

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Cai (US 6,536,001) and Friedmand (US 5,983,388) discloses a DMT communication using Reed-Solomon encoding and interleaving. Alamouti et al (US 5,838,728) teaches the depth of an interleaver should meet delay constraint.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Kevin Y Kim whose telephone number is 571-272-3039. The examiner can normally be reached on 8AM -- 5PM M-F.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Stephen Chin can be reached on 571-272-3056. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

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